

Addressee's fax number: 1-703-305 32 30

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**PCT**

(Patent Cooperation Treaty)

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Date : 21 March 2000 (21.03.00)

Fax: 1-703-305 32 30

To : Assistant Commissioner for Patents  
In it's capacity as Designated Office  
United States Patent and Trademark Office  
Box PCT  
Washington, D.C.20231  
ETATS-UNIS D'AMERIQUE

Attention: Mrs. Frances Robinson

From : Dorothee Mülhausen

Telephone: (41-22) 338 9672

Email address: dorothee.mulhausen@wipo.int

Concerns: PCT/US99/15985

Number of pages including cover sheet : 5

Dear Mrs. Robinson,

As requested in your fax of 10 March 2000, please find attached copy of the  
International Search Report (4 pages) for the above-mentioned international  
application.

With best regards,

*D. Mülhausen*  
Dorothee Mülhausen  
PCT Examination Section

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## PATENT COOPERATION TREATY

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REC'D 07 FEB 2000

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/US 99/15985</b>	International filing date (day/month/year) <b>14/07/1999</b>	(Earliest) Priority Date (day/month/year) <b>14/07/1998</b>
Applicant <b>CLEARMAN, Joseph, H. et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to the Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of Invention is lacking (see Box II).

## 4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

## 5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. The figure of the drawings to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US.99/15985

## Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

The abstract is modified as follows:

line 1: after "inlet" insert "(550)";  
line 2: after "turbine" insert "(554)";  
line 3: after "means" insert "(567)";  
line 8: after "surface" insert "(558)";  
line 10: after "blades" insert "(560)".

## INTERNATIONAL SEARCH REPORT

Intel. Application No.

PCT/US 99/15985

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B05B3/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 126 025 A (AUBERT ET AL) 24 March 1964 (1964-03-24) column 3, line 11 - line 45	1,8,54, 94
X	DE 44 19 404 A (JAEGER ANTON) 7 December 1995 (1995-12-07)  column 3, line 7 - line 13	1,8-10, 16,53, 94,96, 97,99, 100



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"A" document member of the same patent family

Date of the actual completion of the international search

21 January 2000

Date of mailing of the international search report

07/02/2000

Name and mailing address of the ISA

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Authorized officer

Juguet, J

## INTERNATIONAL SEARCH REPORT

Information on patent family members \*

International Application No

PCT/US 99/15985

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3126025	A	24-03-1964	BE 622270 A CH 371871 A FR 1331046 A NL 282715 A	16-12-1963
DE 4419404	A	07-12-1995	NONE	